				<u> </u>									
DIA	- ENGINEERIN	UU	14195	1. ECN 442788									
	ENGINCERIN	Pa	age 1 of <u>3</u>	Proj. B-714-88 ECN									
ECN Category (mark one) Supplemental	3. Originator's Name, of M. A. McLean	4. Date 04-03-91											
Direct Revision Change ECN	5. Project Title/No./Wo	6. Bidg./Sys./Fac. No.		7. Impact Level									
Temporary Supersedure	See Block 12	218-E-16		3									
Discovery	8. Document Number	9. Related ECN No(s).		10. Related PO No									
Cancel/Void	no See Block 12		B-714-81		N/A								
11a. Modification Work Yes (fill out 8lk. 11b) No (NA 8lks. 11b,	11b. Work Package Doc. No.	11c. Complete Installation Work			Restoration (Temp. ECN only)								
UNKNOWN11c, 11d)	UNKNOWN	Cog. Engineer Signature & E	Date Cog. En		gineer Signature & Date								
12. Description of Change													
Block 5: B-714, Grout Vault Pair (218-E-16-102 & 103)(218-E-16-104 & 105)/ER8007													
Block 8: Specification B-714-C2, Rev 1 (V-B714C2-003, Rev 1)													

	*** DE	SCRIPTION OF CHANGES OF	N DVCE 3	***									
	DE.	CONTITION OF CHANGES OF	T FAGE 3										
Continued from Block 13b:													
(FC): Substitution of COC for CMTR for welding filler E6010 is required. ASME Section II, Part C, does not have chemical analysis test requirements but does have physical property testing requirements for E6010. Use of E6010 & corresponding welding procedures are adequate for Safety Class 3. (Item 2 & 3)													
		. (100 2 0 0)		31	JUN 1991								
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				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	JUN 1991 🔄								
				75 26 27.	DECEMENT NOT								
				25.25	EDMC 1374								
				/2	857/								
13a. Justification (mark one)	13b. Justification Deta	-·· -		1,50	515026181								
Criteria Change Design Improvement	(CC): WHC EC	CN 112851 to the FDC, o em 4)	changed	the air in	leakage criteria to								
Environmental		•	F. 611 . 5	.									
As-Found	(DE): Para N	lo. duplication betweer	i ECN B-	/14-81 & B	-/14-82. (Item 1)								
Const. Error/Omission Design Error/Omission	Continued in	Block 12 above											
	<u>L</u>	$\frac{\overline{(\epsilon p_c)}}{\overline{(\epsilon p_c)}}$		****** ==									
14. Distribution (include name KEH DISTRIBUTIO	M	Ĵ. k. Épperley - SO	-05	R	ELEASE STAMP								
Const Doc Cntl			-09 -7										
Engrg Doc Cntl			-57	OFFICIA	L RELEASE								
WHC DISTRIBUTION	<u>)N</u>	D. B. Powell [4] R4	-03	3	WHC								
Project Files			-27 -80	DATE	APR 0 8 1991 .:								
S. R. Briggs(PE T. K. Cordray	.,	DOE CHALA 15	30										
STATION 10		DOL A. G. Lassila A5	-18	_									

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ENGINEERING CHANGE NOTIC						Page 2 of <u>3</u>	1. ECN (use no. from pg. 1) = B-714-88	
15. Design Verification 16. Cost Impact ENGINEE		INEERING	RING CONST		ON	17. Schedule	Impact (days)	
☐ Yes	Additional	区	s_1271	Additional 🔀	s	<u> 250</u>	Improvemen	UP WA
■ No	Savings		s	Savings 🔲	s		Delay	
18. Change Impact Rev the change describe SDD/DD Functional Design Coperating Specifical Criticality Specifical Conceptual Design Equipment Spec. Const. Spec. Procurement Spec. Vendor Information OM Manual FSAR/SAR Safety Equipment L Radiation Work Per Environmental Imp Environmental Rep	lew: Indicate the ed in Block 12. Er Criteria stion tion Report		ed documents (other than a e affected document number affected document number seismic/Stress Analy Stress/Design Report Interface Control Dr Calibration Procedu Installation Procedu Maintenance Proced Engineering Procedu Operating Instruction Operating Procedur Operational Safety FIEFD Drawing Cell Arrangement DEssential Material Spac, Proc. Samp. Scholnspection Plan	the engineering per in Block 19. sis to awing re re dure ure en Requirement rawing pecification edule		Tank Calibration Health Physics Spares Multiple Test Procedure Component Inc ASME Coded It Human Factor Computer Soft Electric Circuit ICRS Procedure Process Contro Process Flow Ci Purchase Requ	on Manual Procedure e Unit Listing s/Specification dex em Consideration ware Schedule ! I Manual/Plan hart	
organization has be	uments: (NOTE:	her af	Inventory Adjustments listed below will not fected documents listed be Document I	be revised by th			ndicate that t	
OPERATIONS AND E Cog./Project Engine Cog./Project Engr. N QA 3. K. S Safety Security Proj.Prog./Dept. Mg	er <u>LR</u> / ngr <u>Hi) / //</u> e condida		Date 4/8/91 1/3/7(4/8/91	ARCHITECT- PE	ING:	Burgar Julia MA MC	d dh ll(Secm	4/5/9/ 4/5/9/ 4/5/9/ 4-4-9/ 4-4-9/ 4/9/
				ENVIR:) 11)	Willenbac	<u>k</u>	4-5-91

<u>(</u>)

Page 3 of 3

B-714-88

1) <u>ECN B-714-81, Pg 4</u>

- A) Item 7A (Ref Sect 01300): Change para numbers to read 03301/1.2.21 & 03301/1.2.22 respectively.
- B) Item 7B)3. (Ref Sect 03301):
 - Change description to read ...1.2.21, 1.2.22, 2.1.5.3, ...
 - Renumber para 1.2.20 & 1.2.21 to 1.2.21 & 1.2.22 respectively.

2) SECTION 01300, ARTICLE 1.3, SCHEDULE OF SUBMITTALS

Submittal Number Record 02752/1.2.2: Change Submittal Title to read - Certified Material Test Reports (CMTR) or Certificate of Conformance (COC)

3) <u>SECTION 02752</u>, <u>PARA 1.2.2</u>: Change to read as follows -

Certified Material Test Reports (CMTR) or Certificate of Conformance (COC): Submit legible reports, certified by responsible manufacturer, showing chemical analysis and physical properties of each heat of steel plate, shapes, pipe. and fittings material. Submit separate certified reports for each lot of steel furnished by each supplier. For welding filler metal, submit CMTR giving results of tests in applicable material specifications in ASME Section II, Part C. If testing is not required by material specification, submit Certificate of Conformance (COC) to applicable material specification.

4) <u>SECTION 03301</u>

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- A) Para 1.1.1.2: Delete reference E 779-87 in its entirety.
- B) Add para 1.1.1.7 as follows:
 - 1.1.1.7 American Society of Mechanical Engineers (ASME)

ASME N 510-89 Testing of Nuclear Air-Treatment Systems

- C) Para 1.2.18: Change as follows -... as defined in ASME N 510 and proposed method.
- D) Para 3.3.4.2a: Change as follows Perform leak rate test in accordance with ASME N 510, Paragraph 6.4.2 and
 6.5.3 after...
- E) Para 3.3.4.2.b: Delete "differences between 0.05 and"
- F) Para 3.3.4.2.c: Change 3000 cfm to 600 cfm.
- G) Para 3.3.4.2.e.1): Change to read as follows -

Vault number, date of test, instrument calibration data, leak rate in final test, number and disposition of leaks found, signatures of test personnel and test data.

H) Para 3.3.4.2.e.2): Delete.